

**ENZYMES HAVING THERMOSTABLE PHOSPHATASE ACTIVITY
AND METHODS OF USE THEREOF
ABSTRACT**

The invention relates to thermostable phosphatases and to polynucleotides encoding the thermostable phosphatases. In addition methods of designing new phosphatases and methods of use thereof are also provided. The thermostable phosphatases have increased activity and stability at increased pH and temperature.

100020 5230660